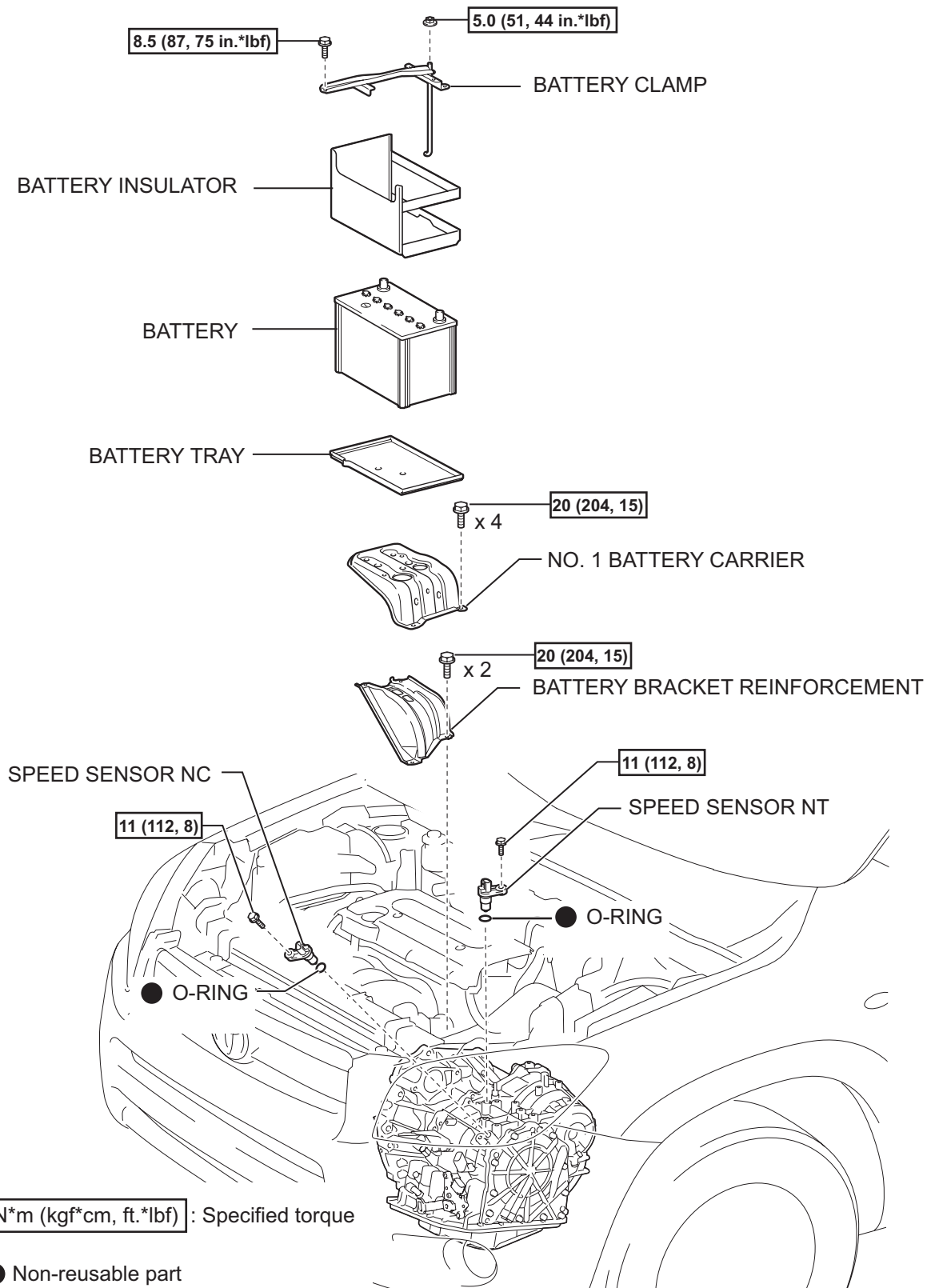


# SPEED SENSOR

## COMPONENTS



REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

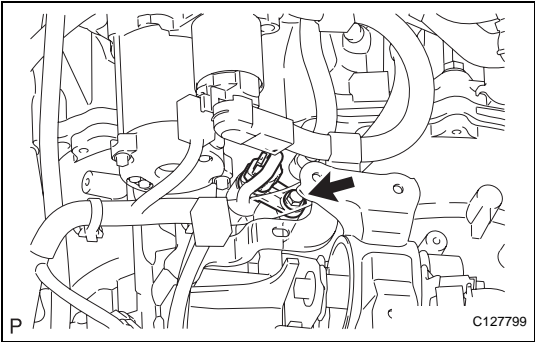
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE BATTERY

- (a) Loosen the nut and remove the bolt and battery clamp.
- (b) Remove the battery.
- (c) Remove the battery tray.
- (d) Remove the 4 bolts and battery carrier.
- (e) Remove the 2 bolts and battery bracket reinforcement.

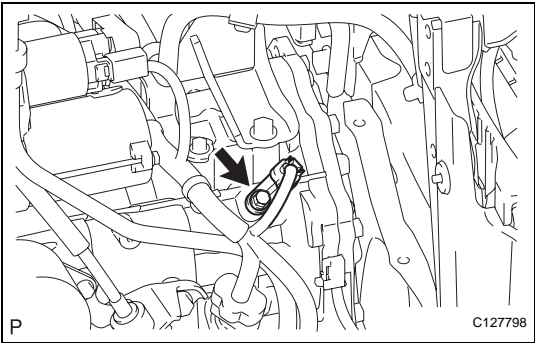
3. REMOVE SPEED SENSOR NT

- (a) Disconnect the sensor connector.
- (b) Remove the bolt and sensor.
- (c) Remove the O-ring from the sensor.



4. REMOVE SPEED SENSOR NC

- (a) Disconnect the sensor connector.
- (b) Remove the bolt and sensor.
- (c) Remove the O-ring from the sensor.



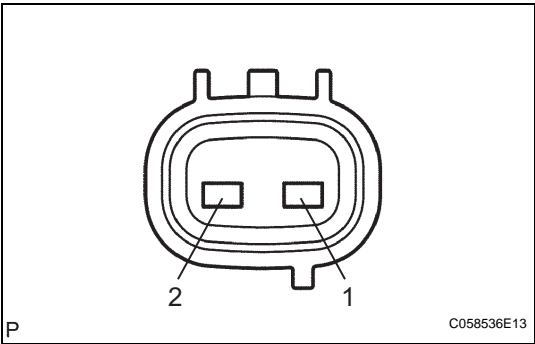
INSPECTION

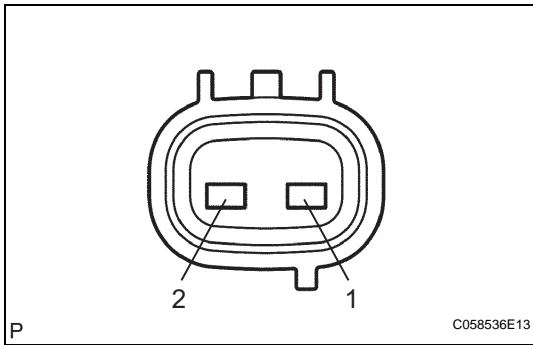
1. INSPECT SPEED SENSOR NT

Measure the resistance of the sensor.

Standard resistance

Tester Connection	Condition	Specified Condition
1 - 2	20°C (68°F)	560 to 680 Ω





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Measure the resistance of the sensor.

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Tester Connection	Condition	Specified Condition
1 - 2	20°C (68°F)	560 to 680 $\Omega$

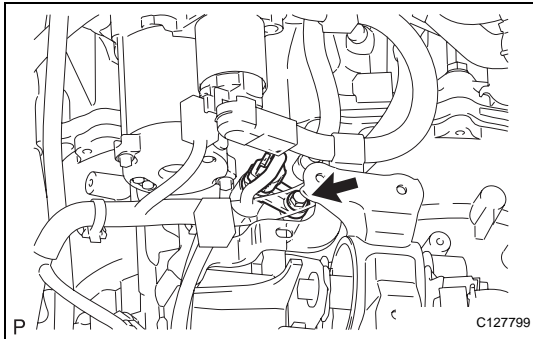
## INSTALLATION

### 1. INSTALL SPEED SENSOR NC

- Coat a new O-ring with ATF.
- Install the O-ring to the sensor.
- Install the sensor with the bolt.

**Torque: 11 N\*m (112 kgf\*cm, 8 ft.\*lbf)**

- Connect the sensor connector.

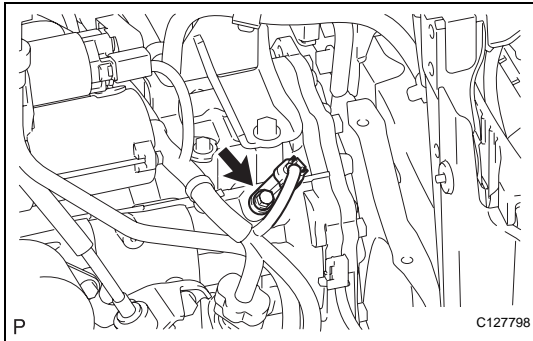


### 2. INSTALL SPEED SENSOR NT

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- Install the O-ring to the sensor.
- Install the sensor with the bolt.

**Torque: 11 N\*m (112 kgf\*cm, 8 ft.\*lbf)**

- Connect the sensor connector.



### 3. INSTALL BATTERY

- Install the battery bracket reinforcement with the 2 bolts.

**Torque: 20 N\*m (204 kgf\*cm, 15 ft.\*lbf)**

- Install the battery carrier with the 4 bolts.

**Torque: 20 N\*m (204 kgf\*cm, 15 ft.\*lbf)**

- Install the battery tray.

- Install the battery with the battery clamp.

**Torque: 8.5 N\*m (87 kgf\*cm, 75 in.\*lbf) for bolt**

**5.0 N\*m (51 kgf\*cm, 44 in.\*lbf) for nut**

### 4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL